

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102418\
 Data File : VN051981.D
 Acq On : 24 Oct 2018 12:14
 Operator : MD\SY
 Sample : J5643-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 001M-WILLETS-PT-BLVD-(SEP)

Quant Time: Oct 24 15:49:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	162052	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	909255	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	796921	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	287491	29.16	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	97.20%	
60) 4-Bromofluorobenzene	12.40	95	298351	25.96	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	86.53%	
63) Toluene-d8	10.09	98	1019903	29.47	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	98.23%	

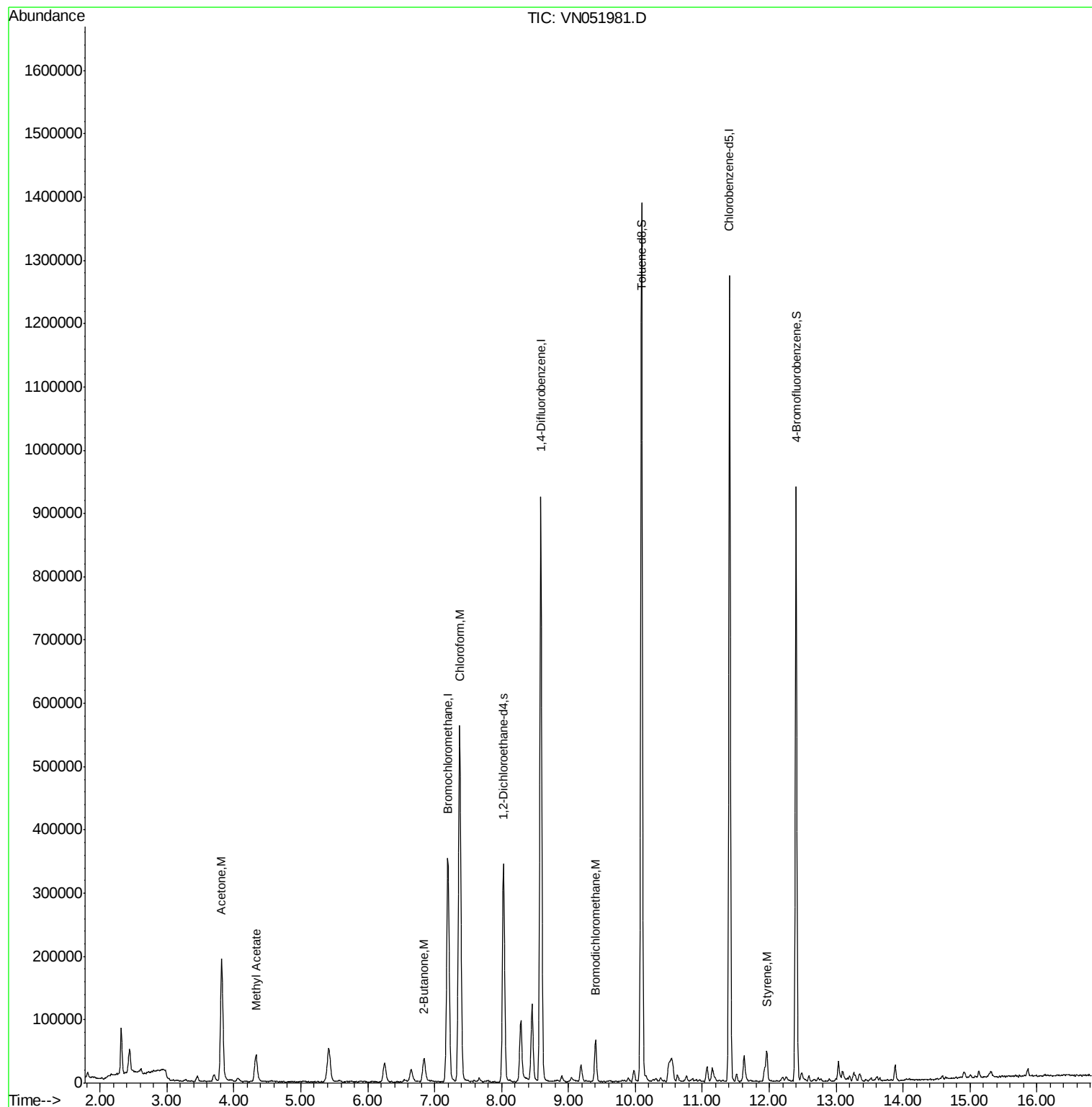
Target Compounds					Ovalue
12) Methyl Acetate	4.34	43	79721	17.207 ug/l	93
15) Acetone	3.82	58	107547	210.104 ug/l	97
25) Chloroform	7.37	83	599766	36.675 ug/l	96
30) 2-Butanone	6.84	43	61375	25.054 ug/l #	89
41) Bromodichloromethane	9.41	83	44521	3.557 ug/l	97
69) Styrene	11.96	104	25418	0.947 ug/l #	87

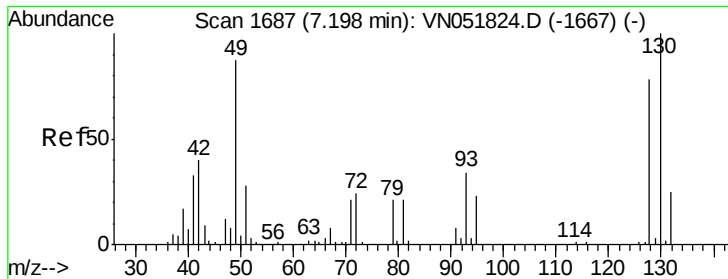
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102418\
Data File : VN051981.D
Acq On : 24 Oct 2018 12:14
Operator : MD\SY
Sample : J5643-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD-(SEP)

Quant Time: Oct 24 15:49:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

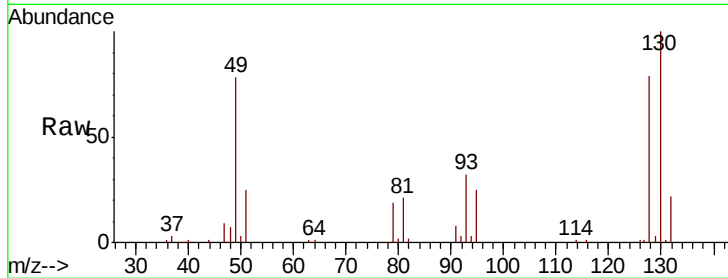




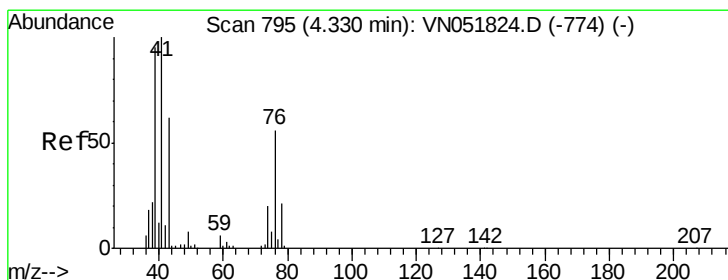
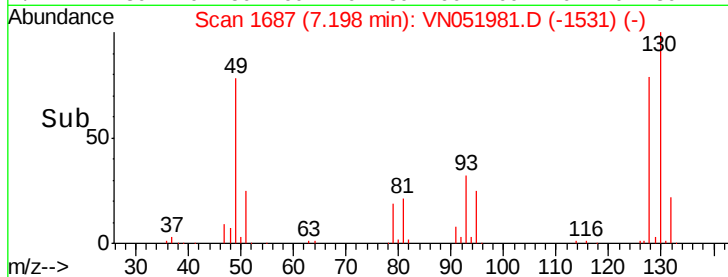
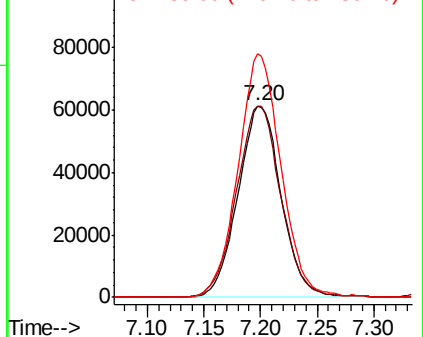
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN051981.D
 Acq: 24 Oct 2018 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 001M-WILLETS-PT-BLVD-(SEP)

Tot Ion:128 Resp: 162052
 Ion Ratio Lower Upper
 128 100
 49 103.2 0.0 403.3
 130 126.9 0.0 326.0

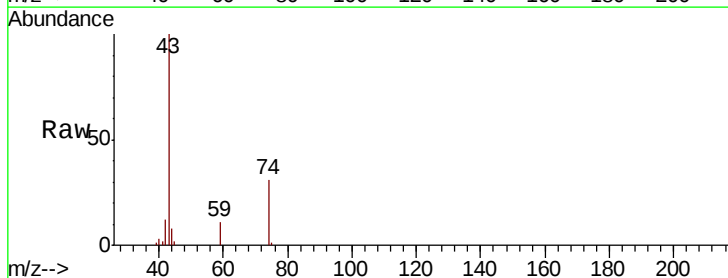


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

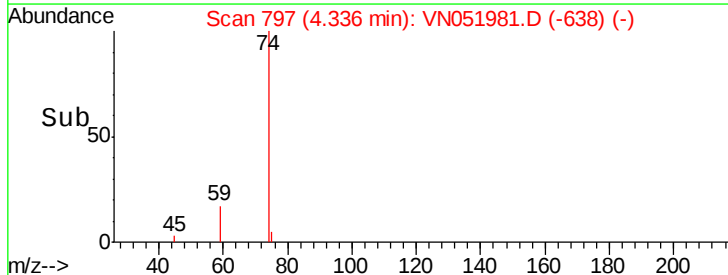
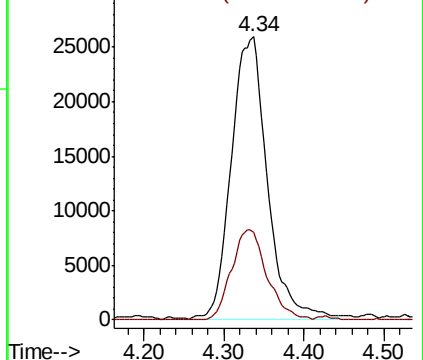


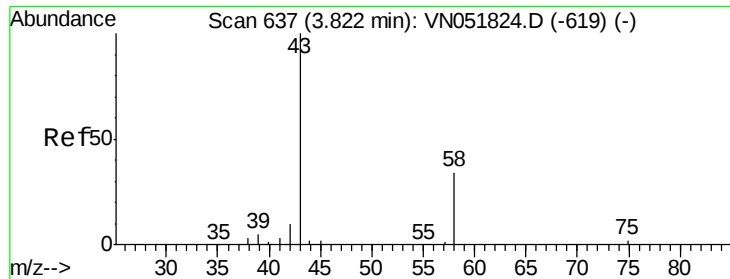
#12
 Methyl Acetate
 Concen: 17.207 ug/l
 RT: 4.34 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: VN051981.D
 Acq: 24 Oct 2018 12:14

Tgt Ion: 43 Resp: 79721
 Ion Ratio Lower Upper
 43 100
 74 30.7 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN
 Ion 74.00 (73.70 to 74.70): VN





#15

Acetone

Concen: 210.104 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN051981.D

Acq: 24 Oct 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

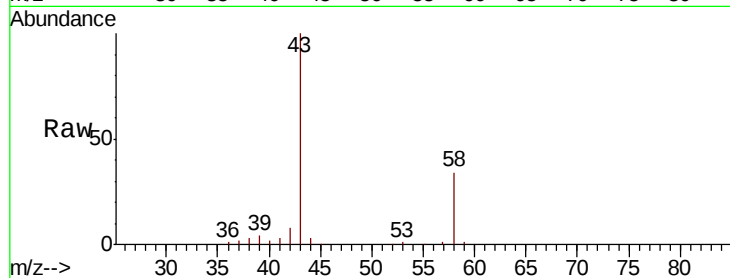
001M-WILLETS-PT-BLVD-(SEP)

Tot Ion: 58 Resp: 107547

Ion Ratio Lower Upper

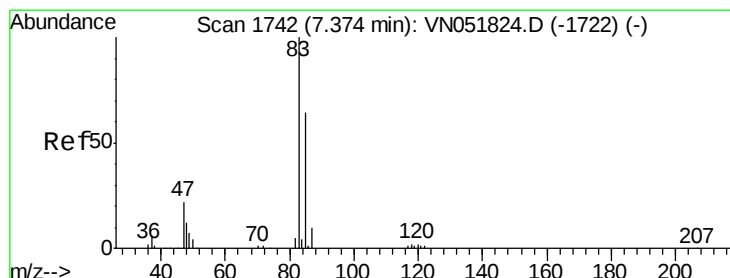
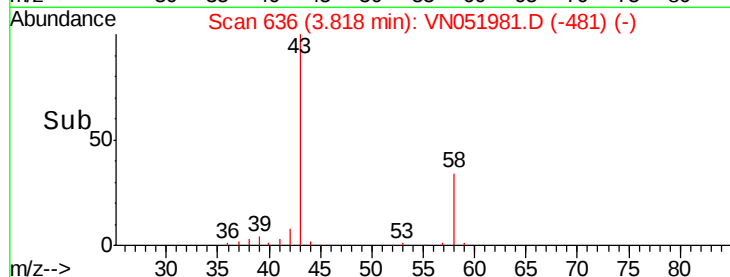
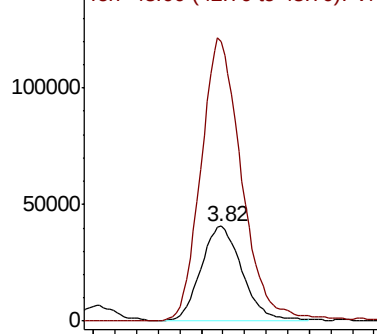
58 100

43 295.7 232.2 348.2



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#25

Chloroform

Concen: 36.675 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051981.D

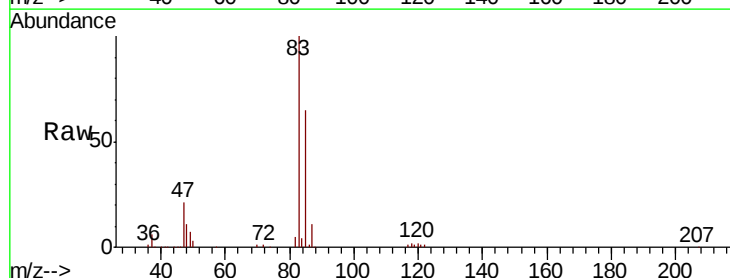
Acq: 24 Oct 2018 12:14

Tgt Ion: 83 Resp: 599766

Ion Ratio Lower Upper

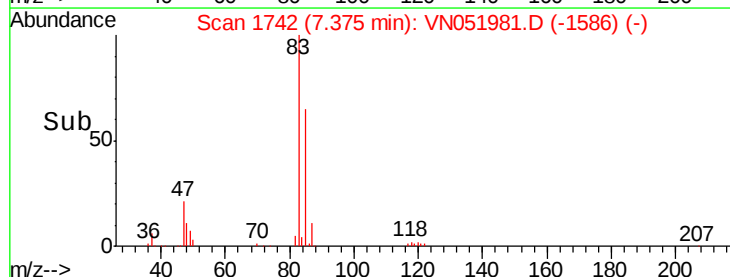
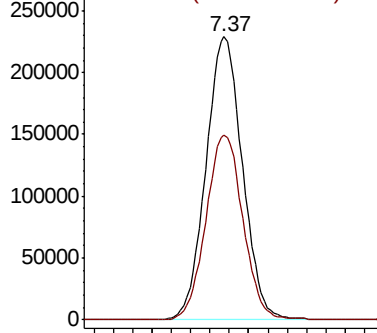
83 100

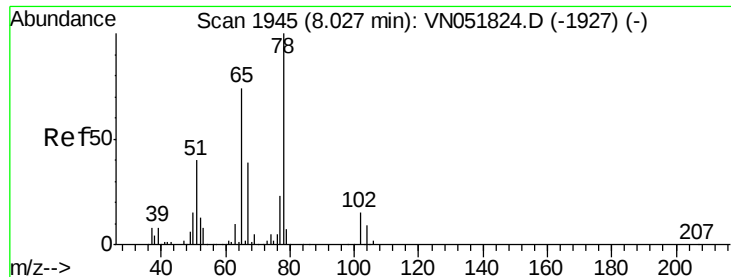
85 65.4 54.6 82.0



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0





#27

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN051981.D

Acq: 24 Oct 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

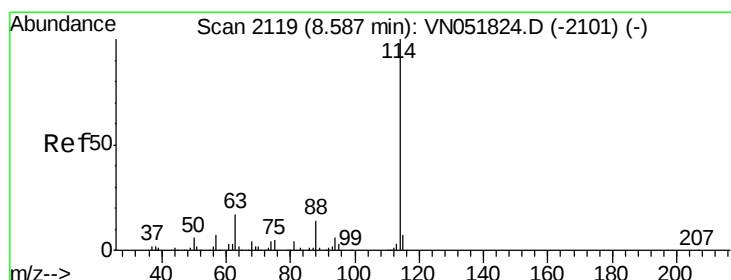
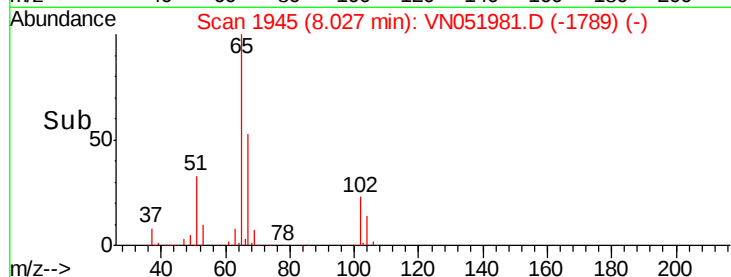
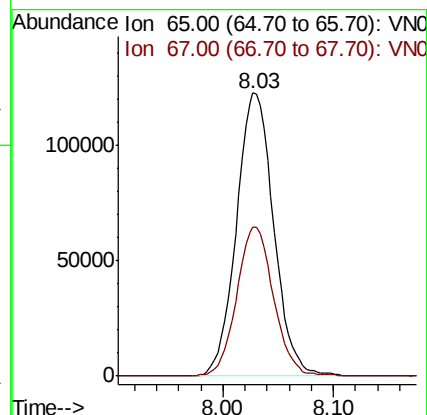
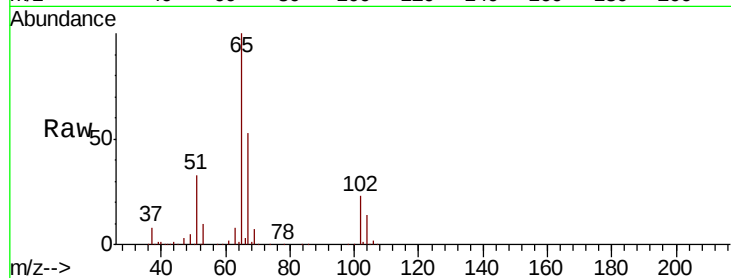
001M-WILLETS-PT-BLVD-(SEP)

Tot Ion: 65 Resp: 287491

Ion Ratio Lower Upper

65 100

67 52.1 41.8 62.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051981.D

Acq: 24 Oct 2018 12:14

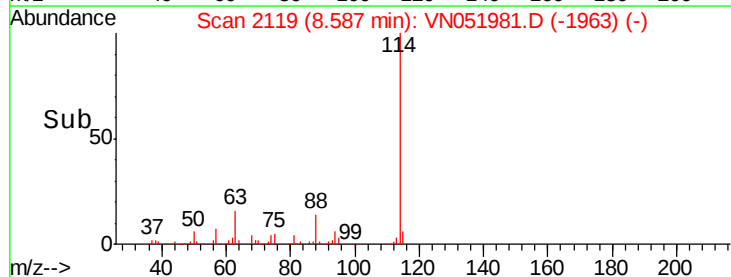
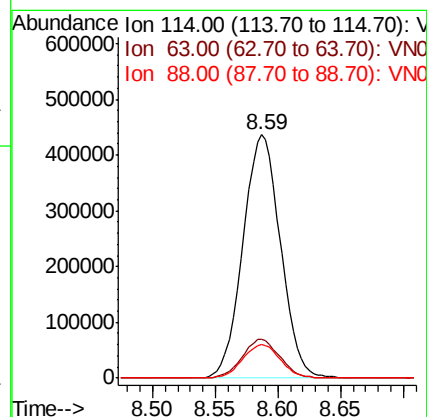
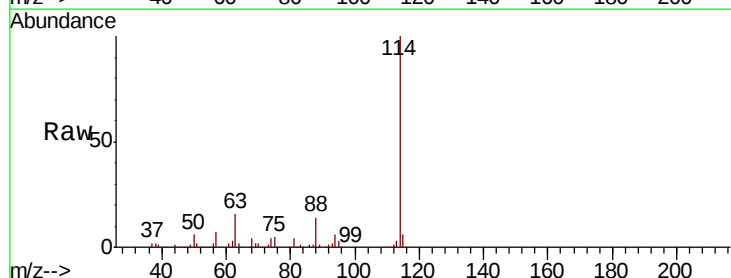
Tgt Ion: 114 Resp: 909255

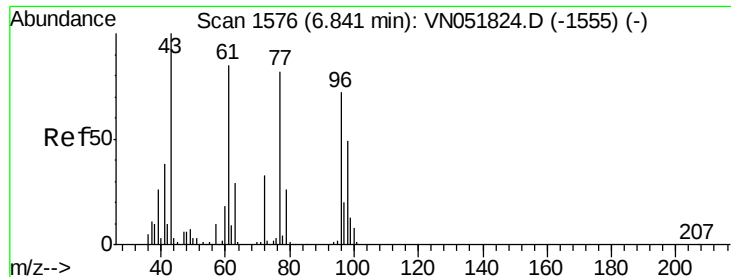
Ion Ratio Lower Upper

114 100

63 16.0 16.2 24.2#

88 13.9 12.2 18.4

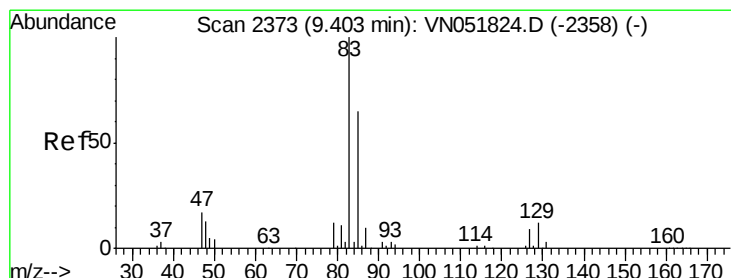
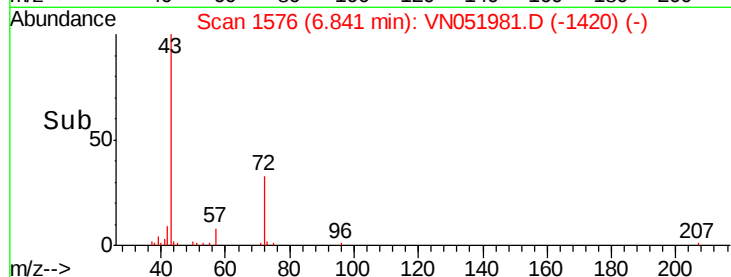
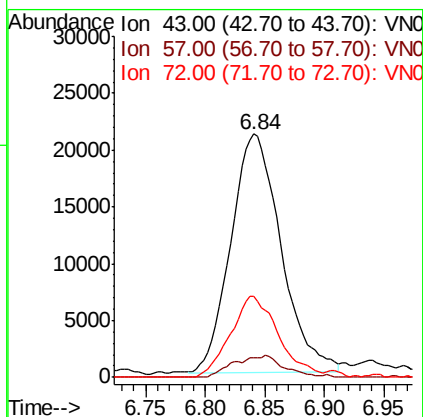
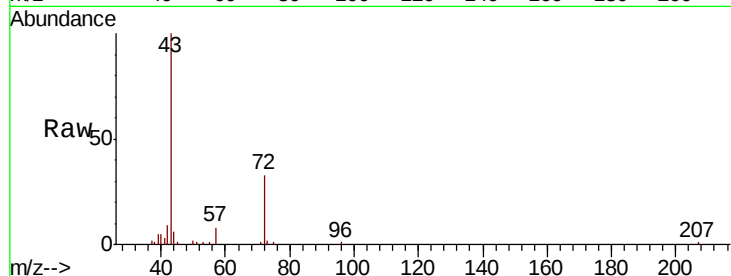




#30
2-Butanone
Concen: 25.054 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051981.D
Acq: 24 Oct 2018 12:14

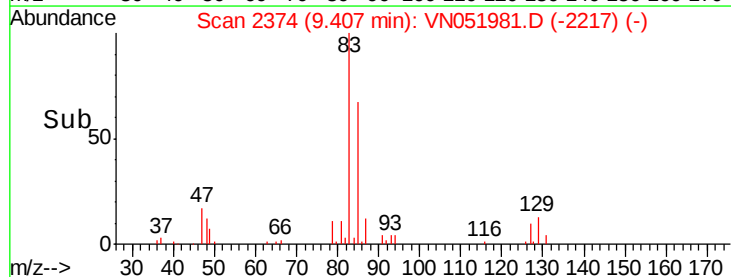
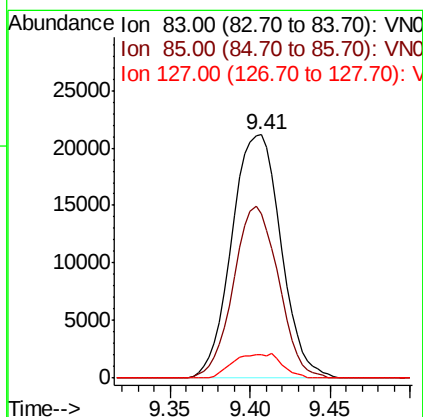
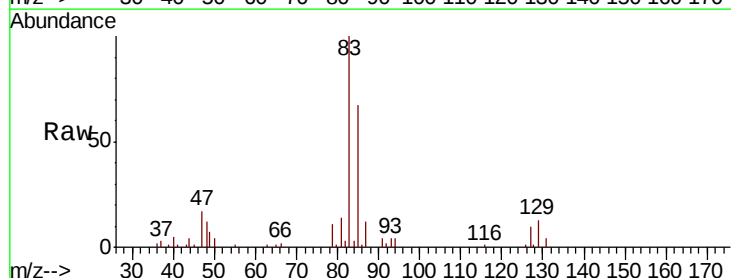
Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD-(SEP)

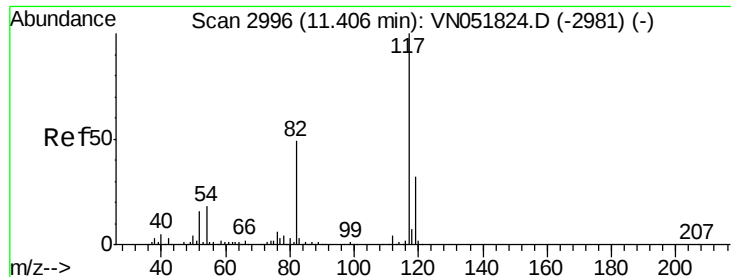
Tot Ion: 43 Resp: 61375
Ion Ratio Lower Upper
43 100
57 0.5 4.5 6.7#
72 32.4 21.5 32.3#



#41
Bromodichloromethane
Concen: 3.557 ug/l
RT: 9.41 min Scan# 2374
Delta R.T. 0.00 min
Lab File: VN051981.D
Acq: 24 Oct 2018 12:14

Tgt Ion: 83 Resp: 44521
Ion Ratio Lower Upper
83 100
85 67.2 55.7 83.5
127 11.2 8.2 12.4

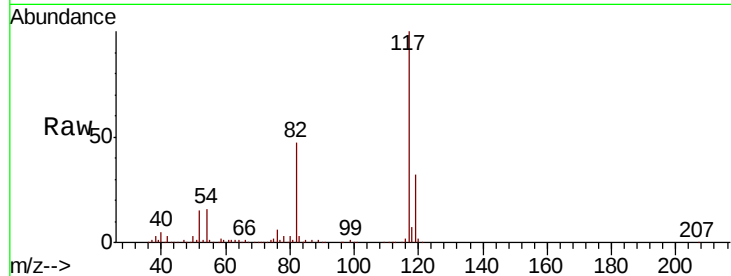




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051981.D
Acq: 24 Oct 2018 12:14

Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD-(SEP)

Tot Ion	Ratio	Lower	Upper
117	100		
82	47.9	44.1	66.1
119	32.4	25.8	38.8

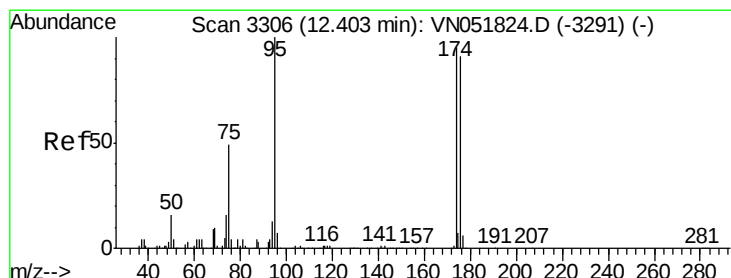
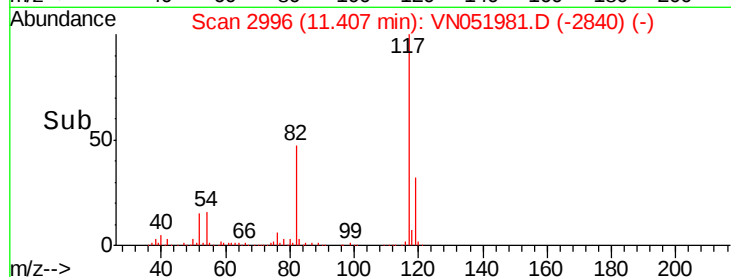
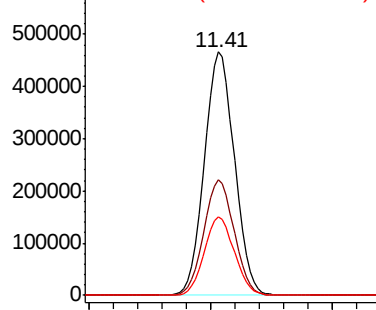


Abundance

Ion 117.00 (116.70 to 117.70): V

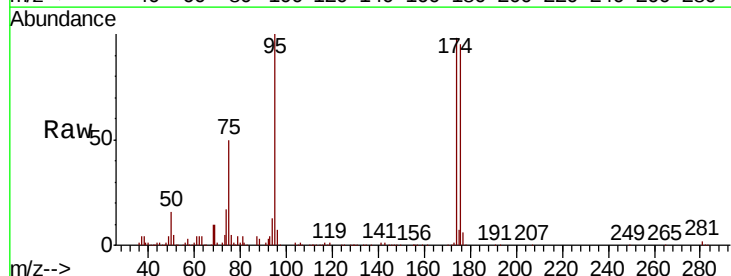
Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051981.D
Acq: 24 Oct 2018 12:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	99.0	73.5	110.3
176	94.7	70.2	105.2

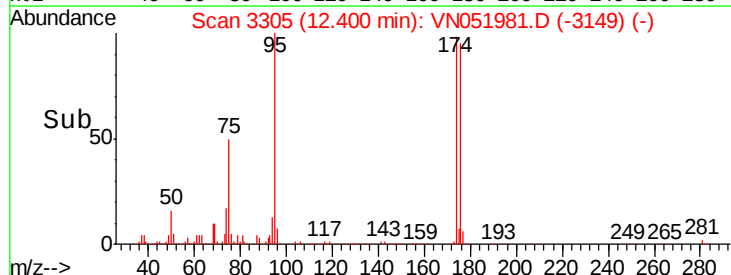
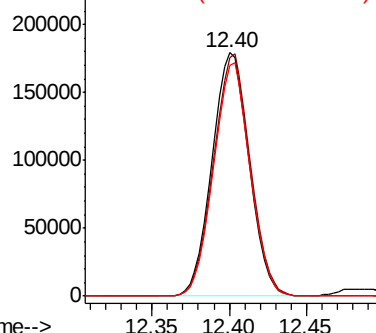


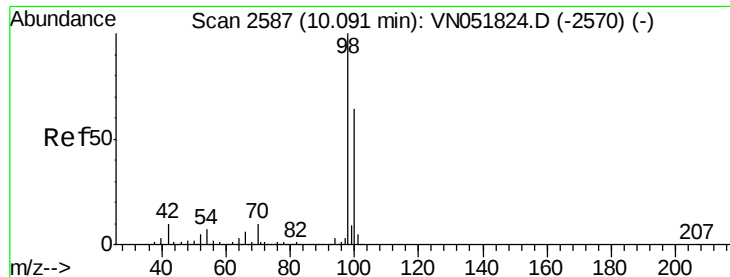
Abundance

Ion 95.00 (94.70 to 95.70): V

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051981.D

Acq: 24 Oct 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

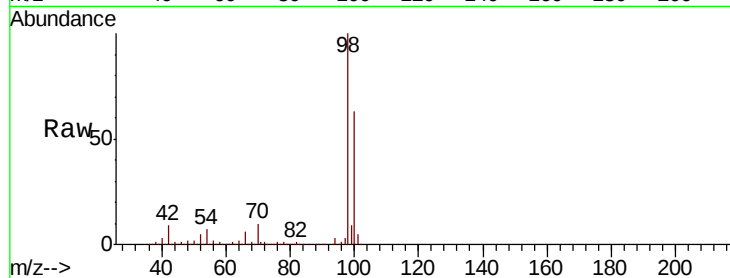
001M-WILLETS-PT-BLVD-(SEP)

Tot Ion: 98 Resp: 1019903

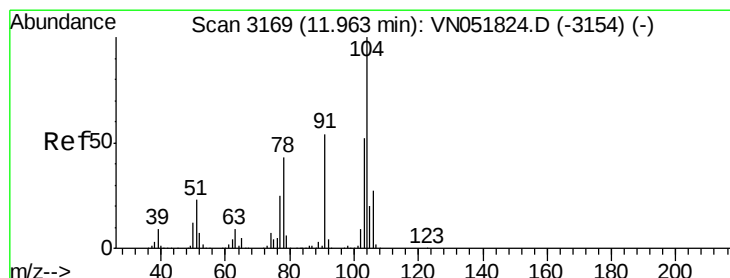
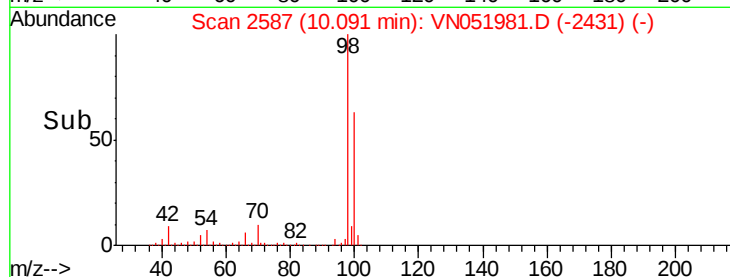
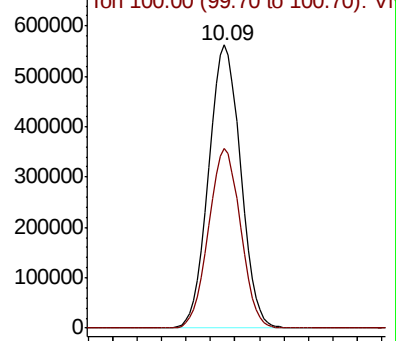
Ion Ratio Lower Upper

98 100

100 63.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN051824.D (-2570) (-)



#69

Styrene

Concen: 0.947 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN051981.D

Acq: 24 Oct 2018 12:14

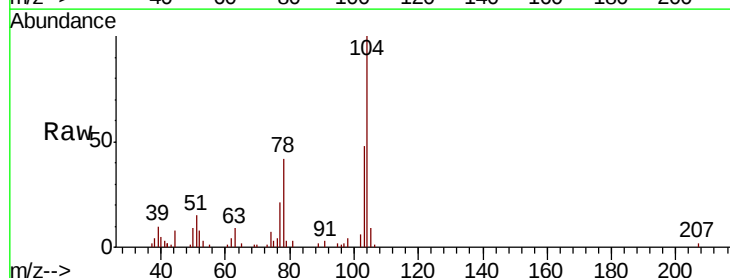
Tgt Ion:104 Resp: 25418

Ion Ratio Lower Upper

104 100

78 39.8 40.6 60.8#

103 46.8 44.0 66.0



Abundance Ion 104.00 (103.70 to 104.70): VN051824.D (-3154) (-)

